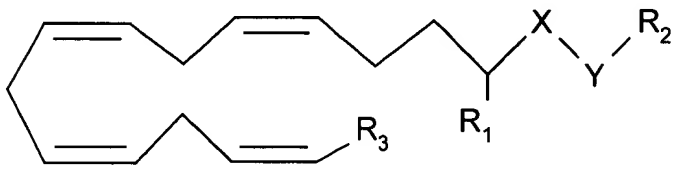
AMENDMENT TO THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A compound of the formula:



wherein X is one of the group consisting of C=O and NH and Y is the other of that group;

R_1 is selected from the group consisting of H, CH_3 and alkyl ;

R_2 is selected from the group consisting of alkyl, substituted alkyl, alkenyl, alkynyl, O-alkyl, cycloalkyl, polycyclic, heterocyclic, $CH_2CH=CH_2$, C≡CH, $CH(R)CH_2Z$, $CH_2CH(R)Z$ and $CH(R)(CH_2)nCH_2Z$, R being selected from the group consisting of H, CH_3, CH_2CF_3 and $(CH_3)_2$, Z being selected from the group consisting of H, halogens, N_3, NCS and OH and n being selected from the group consisting of 0, 1 and 2; and

R_3 is selected from the group consisting of alkyl, substituted alkyl, aryl, alkylaryl, O-alkyl, O-alkylaryl, cyclic radical, heterocyclic radical, n-$C_5H_{10}Z'$, n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$ and 1',1'-$C(CH_3)_2(CH_2)_5CH_2Z'$, Z' being selected from the group consisting of H, halogens, CN, N_3, NCS and OH;

with the proviso that:

~~when X is C=O and Y is NH and R_1 is H and R_3 is selected from the group consisting of n-C_5H_{11}, n-C_6H_{13} and n-C_7H_{15}, then Z can not be halogen or OH; and~~

~~when X is C=O and Y is NH and R_3 is alkyl, then R_2 can not be alkyl, OH substituted alkyl or heterocyclic~~

when X is C=O, Y is NH, R_1 is H, R_3 is n-$C_5H_{10}Z'$ and Z' is H, then R_2 can not be selected from the group consisting of C_{1-5} alkyl, CH_2CH_2OH, $CH(CH_3)CH_2OH$, $(CH_2)_mOH$ (where m = 1-10), $CH(CH_3)CH_2F$ and CH_2CH_2OMe; and

when X is C=O, Y is NH, R_1 is H, R_3 is selected from n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$, and

1'1'-$C(CH_3)_2(CH_2)_5CH_2Z'$ and Z' is H, then R_2 cannot be selected from the group consisting of C_{1-5} alkyl and $(CH_2)_mOH$ (where m = 1-10).

2. (previously presented) The compound of claim 1 wherein X is NH, Y is C=O, R_1 = H, $R_2 = CH(R)CH_2Z$, R = CH_3 and Z = F, and $R_3 = n\text{-}C_5H_{10}Z'$, Z' = H.

3. (previously presented) The compound of claim 1 wherein X is NH, Y is C=O, R_1 = H, $R_2 = CH(R)CH_2Z$, R = CH_3 and Z = I, and $R_3 = n\text{-}C_5H_{10}Z'$, Z' = H.

4. (original) The compound of claim 1 wherein R_1 = H, $R_2 = CH(R)CH_2Z$, R = CH_3 and Z = N_3, and $R_3 = n\text{-}C_5H_{10}Z'$, Z' = H.

5. (previously presented) The compound of claim 1 wherein X is NH, Y is C=O, R_1 = H, $R_2 = CH(R)CH_2Z$, R = H and Z = Cl, and $R_3 = n\text{-}C_5H_{10}Z'$, Z' = H.

6. (previously presented) The compound of claim 1 wherein X is NH, Y is C=O, R_1 = H, $R_2 = CH(R)(CH_2)nCH_2Z$, R = H and n = 1 and Z = Cl, and $R_3 = n\text{-}C_5H_{10}Z'$, Z' = H.

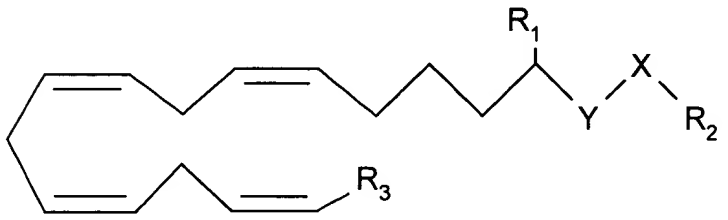
7. (previously presented) The compound of claim 1 wherein R_1 = H, $R_2 = CH_2CH(R)Z$, R = CH_3 and Z = Cl, and $R_3 = n\text{-}C_5H_{10}Z'$, Z' = H.

8. (previously presented) The compound of claim 1 wherein R_1 = H, R_2 =

$CH_2CH=CH_2$ or C≡CH, and R_3 = n-$C_5H_{10}Z'$, Z' = H.

9. (original) The compound of claim 1 wherein R_1 = H, R_2 = CH_2CF_3, and R_3 = n-$C_5H_{10}Z'$, Z' = H.

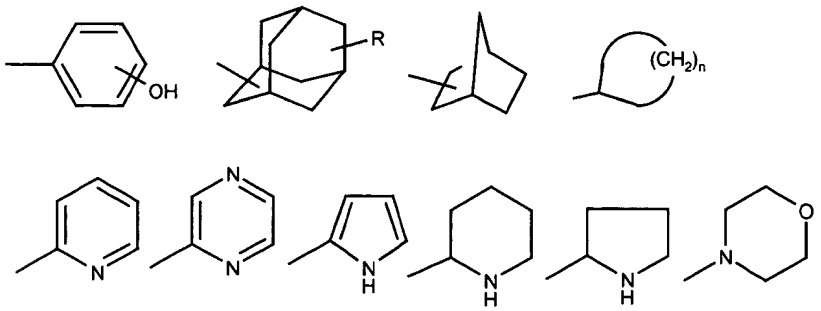
10. (currently amended) A compound of the formula:



wherein X is one of the group consisting of C=O and NH and Y is the other of that group;

R_1 is selected from the group consisting of H, CH_3 and alkyl ;

R_2 is selected from the group consisting of alkyl, substituted alkyl, alkenyl, alkynyl, O-alkyl, cyclic group, polycyclic group, heterocyclic group,



$CH=CH_2$, $CH=C(CH_3)_2$, C≡CH, CH_2OCH_3, $CH(R)(CH_2)nCH_2Z$ and $CH_2CH(R)(CH_2)nZ$, R being selected from the group consisting of H and CH_3, Z being selected from the group consisting of H, halogens, N_3, NCS, OH and OAc and n being selected from the group consisting of 0, 1 and 2; and

R_3 is selected from the group consisting of alkyl, substituted alkyl, aryl, alkylaryl, O-alkyl, O-alkylaryl, cyclic group, heterocyclic group, n-$C_5H_{10}Z'$, n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$ and 1',1'-$C(CH_3)_2(CH_2)_5CH_2Z'$, Z' being selected from the group consisting of H, halogens, CN, N_3, NCS and OH;

with the proviso that:

~~when X is NH and Y is C=O and R_1 is H and R_3 is selected from the group consisting of n-C_5H_{11}, n-C_6H_{13}, and n-C_7H_{15}, then Z can not be halogen or OH; and~~

~~when Y is C=O and X is NH and R_3 is alkyl, then R_2 can not be alkyl, OH substituted alkyl or heterocyclic~~

when Y is C=O, X is NH, R_1 is H, R_3 is n-$C_5H_{10}Z'$ and Z' is H, then R_2 cannot be selected from the group consisting of C_{1-5} alkyl, CH_2CH_2OH, $CH(CH_3)CH_2OH$, $(CH_2)_mOH$ (where m = 1-10), $CH(CH_3)CH_2F$ and CH_2CH_2OMe; and

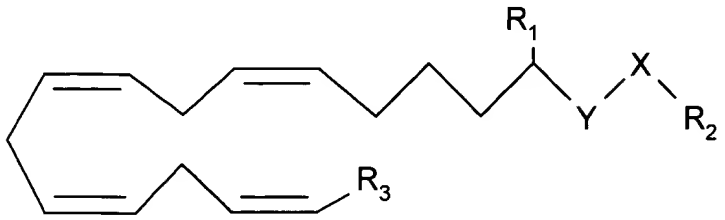
when Y is C=O and X is NH, R_1 is H, R_3 is selected from n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$ and 1'1'-$C(CH_3)_2(CH_2)_5CH_2Z'$, Z' is H, then R_2 cannot be selected from the group consisting of C_{1-5} alkyl and $(CH_2)_mOH$ (where m = 1-10).

11. (cancelled)

12. (original) The compound of claim 10 wherein R_1 = H, R_2 = $CH(R)(CH_2)nCH_2Z$, R = H and Z = OAc and n = 0; and R_3 = n-$C_5H_{10}Z'$, Z' = H.

13. (cancelled)

14. (currently amended) A medicinal preparation prepared from a compound comprising:



wherein X is one of the group consisting of C=O and NH and Y is the other of that group;

R_1 is selected from the group consisting of H and alkyl radicals;

R_2 is selected from the group consisting of alkyl, substituted alkyl, alkenyl, alkynyl O-alkyl, cyclic group, polycyclic group and heterocyclic group; and

R_3 is selected from the group consisting of alkyl, substituted alkyl, O-alkyl, aryl, alkylaryl, O-alkylaryl, cyclic and heterocyclic radicals;

with the proviso that:

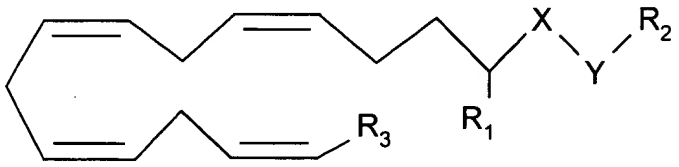
~~when X is NH and Y is C=O and R_1 is H and R_3 is selected from the group consisting of n-C_5H_{11}, n-C_6H_{13}, and n-C_7H_{15}, then Z can not be halogen or OH; and~~

~~when Y is C=O and X is NH and R_3 is alkyl, then R_2 can not be alkyl, OH substituted alkyl or heterocyclic~~

when Y is C=O, X is NH, R_1 is H, R_3 is n-$C_5H_{10}Z'$ and Z' is H, then R_2 cannot be selected from the group consisting of C_{1-5} alkyl, CH_2CH_2OH, $CH(CH_3)CH_2OH$, $(CH_2)_mOH$ (where m = 1-10), $CH(CH_3)CH_2F$ and CH_2CH_2OMe; and

when Y is C=O and X is NH, R_1 is H, R_3 is selected from n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$, and 1'1'-$C(CH_3)_2(CH_2)_5CH_2Z'$, and Z' is H, then R_2 cannot be selected from the group consisting of C_{1-5} alkyl and $(CH_2)_mOH$ (where m = 1-10).

15. (currently amended) A medicinal preparation prepared from a compound comprising:



wherein X is one of the group consisting of C=O and NH and Y is the other of that group;

R_1 is selected from the group consisting of H and alkyl radicals;

R_2 is selected from the group consisting of alkyl, substituted alkyl, alkenyl, alkynyl, O-alkyl, cycloalkyl, polycyclic and heterocyclic radicals; and

R_3 is selected from the group consisting of alkyl, substituted alkyl, O-alkyl, aryl, alkylaryl, O-alkylaryl, cyclic and heterocyclic radicals

with the proviso that:

~~when X is C=O and Y is NH and R_1 is H and R_3 is selected from the group consisting of n-C_5H_{11}, n-C_6H_{13} and n-C_7H_{15}, then Z can not be halogen or OH; and~~

~~when X is C=O and Y is NH and R_3 is alkyl, then R_2 can not be alkyl, OH substituted alkyl or heterocyclic~~

when X is C=O, Y is NH, R_1 is H, R_3 is n-$C_5H_{10}Z'$ and Z' is H, then R_2 can not be selected from the group consisting of C_{1-5} alkyl, CH_2CH_2OH, $CH(CH_3)CH_2OH$, $(CH_2)_mOH$ (where m = 1-10), $CH(CH_3)CH_2F$ and CH_2CH_2OMe; and

when X is C=O, Y is NH, R_1 is H, R_3 is selected from n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$, and 1'1'-$C(CH_3)_2(CH_2)_5CH_2Z'$ and Z' is H, then R_2 cannot be selected from the group consisting of C_{1-5} alkyl and $(CH_2)_mOH$ (where m = 1-10).

16. (previously presented) A compound of claim 1 wherein:

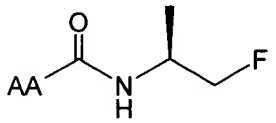
R_1 is selected from the group consisting of H, CH_3 and alkyl;

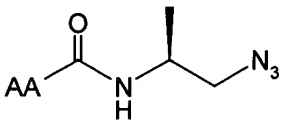
R_2 is selected from the group consisting CH2CH=CH2, C≡CH, $CH(R)CH_2Z$,

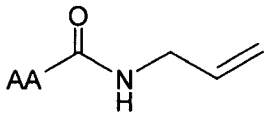
$CH_2CH(R)Z$ and $CH(R)(CH_2)nCH_2Z$, R being selected from the group consisting of H, CH_3, CH_2CF_3 and $(CH_3)_2$, Z being selected from the group consisting of H, halogens, N_3, NCS and OH and n being selected from the group consisting of 0, 1 and 2; and

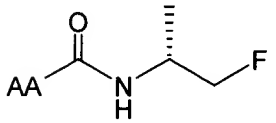
R_3 is selected from the group consisting of n-$C_5H_{10}Z'$, n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$ and 1',1'-$C(CH_3)_2(CH_2)_5CH_2Z'$, Z' being selected from the group consisting of H, halogens, CN, N_3, NCS and OH.

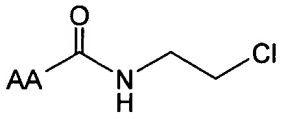
17. (previously presented) A compound of claim 1 selected from:

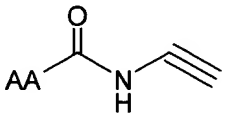


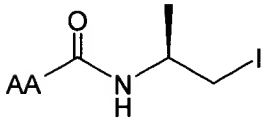


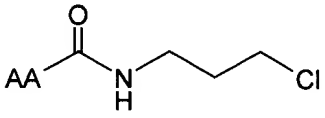


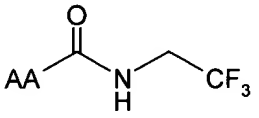








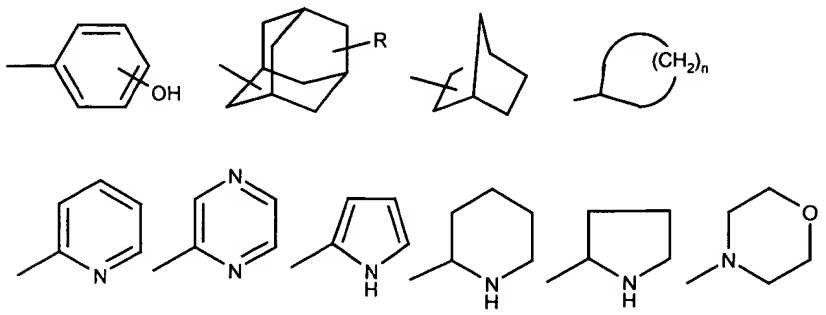




18. (previously presented) A compound of claim 10, wherein:

R_1 is selected from the group consisting of H, CH_3 and alkyl;

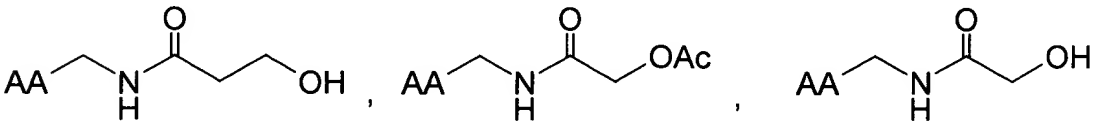
R_2 is selected from the group consisting of



$CH=CH_2$, $CH=C(CH_3)_2$, $C\equiv CH$, CH_2OCH_3, $CH(R)(CH_2)nCH_2Z$ and $CH_2CH(R)(CH_2)nZ$, R being selected from the group consisting of H and CH_3, Z being selected from the group consisting of H, halogens, N_3, NCS, OH and OAc and n being selected from the group consisting of 0, 1 and 2; and

R_3 is selected from the group consisting of n-$C_5H_{10}Z'$, n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$ and 1',1'-$C(CH_3)_2(CH_2)_5CH_2Z'$, Z' being selected from the group consisting of H, halogens, CN, N_3, NCS and OH.

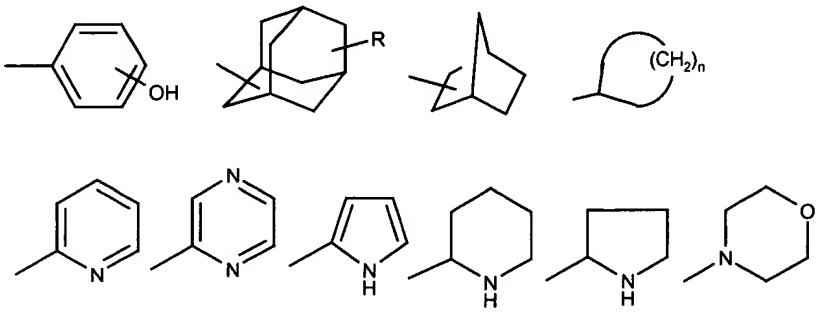
19. (previously presented) A compound of claim 10 selected from:



20. (previously presented) A medicinal preparation of claim 14, wherein:

R_1 is selected from the group consisting of H and CH_3;

R_2 is selected from the group consisting of



$CH=CH_2$, $CH=C(CH_3)_2$, $C\equiv CH$, CH_2OCH_3, $CH(R)(CH_2)nCH_2Z$ and $CH_2CH(R)(CH_2)nZ$, R being selected from the group consisting of H and CH_3, Z being selected from the group consisting of H, halogens, N_3, NCS, OH and OAc and n being selected from the group consisting of 0, 1 and 2; and

R_3 is selected from the group consisting of n-$C_5H_{10}Z'$, n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$ and 1',1'-$C(CH_3)_2(CH_2)_5CH_2Z'$, Z' being selected from the group consisting of H, halogens, CN, N_3, NCS and OH.

21. (previously presented) A medicinal preparation of claim 15, wherein:

R_1 is selected from the group consisting of H and CH_3;

R_2 is selected from the group consisting of CH2CH=CH2, $C\equiv CH$, $CH(R)CH_2Z$, $CH_2CH(R)Z$ and $CH(R)(CH_2)nCH_2Z$, R being selected from the group consisting of H, CH_3, CH_2CF_3 and $(CH_3)_2$, Z being selected from the group consisting of H, halogens, N_3, NCS and OH and n being selected from the group consisting of 0, 1 and 2; and

R_3 is selected from the group consisting of n-$C_5H_{10}Z'$, n-$C_6H_{12}Z'$, n-$C_7H_{14}Z'$ and 1',1'-$C(CH_3)_2(CH_2)_5CH_2Z'$, Z' being selected from the group consisting of H, halogens, CN, N_3, NCS and OH.

22. (new) The compound of claim 1 wherein R_2 is selected from the group consisting of